



## 620 BARRCRYL ICF

### PRODUCT DESCRIPTION

Commercial Performance Coatings 620 Barrcryl ICF is an isocyanate free, fast drying acrylic two pack finish with good gloss retention and resistance to weathering.

Commercial Performance Coatings 620 Barrcryl ICF is available in a range of colours from Australian and International standard colours.

### PRODUCTS

Barrcryl ICF Mixed Colour		620	
Hardener		620-9058	Barrcryl ICF pack B
Reducers	<i>Normal conditions</i>	141 Barrcryl Reducer	
	<i>Hot conditions</i>	282 Barrcryl Reducer Slow	
Cleaners		971-9119 PROTEC® Metal Conditioner	
		AA-6822 <i>Protec</i> Heavy Duty Wax & Grease Remover	

### SUBSTRATES & PREPARATION



Commercial Performance Coatings 620 Barrcryl ICF can be applied over the following primers:

- EPS EtchPro Primer Surfacer, 426 EtchPro, 426 Vinyl Etch
- 408 Epotec Primer Surfacer, 428 Barrierprime, EX-408 Zinc Phosphate Primer

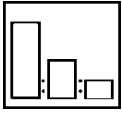


Surfaces showing heavy scale or surface rust should be treated with 971-9119 *Protec* Metal Conditioner. Heavily rusted surfaces should be abrasively blast cleaned.

Before and after any sanding operation, the substrate must be thoroughly degreased using AA-6822 *Protec* Heavy Duty Wax & Grease Remover to remove all traces of dirt, oil, grease, silicone, wax etc.

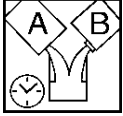
*For other primer options please consult the PPG Commercial Performance Coatings Technical Team.*

## MIXING RATIO BY VOLUME



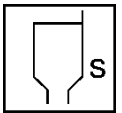
PRODUCT	PARTS
620 Barrcryl ICF Mixed Colour	4
Hardener	1
Reducer	Up to 50%

## POT LIFE



Catalysed material is useable for up to 8 hours at 25°C

## SPRAY VISCOSITY



CONVENTIONAL, HVLP	16 - 24 seconds (DIN 4) at 25°C
AIRLESS, AIR ASSISTED AIRLESS	20 - 30 seconds (DIN 4) at 25°C

## SPRAYGUN



### CONVENTIONAL, HVLP

#### SETUP

• GRAVITY	1.4 mm - 1.6 mm
• SUCTION	1.4 mm - 1.8 mm

#### SPRAY PRESSURE

• CONVENTIONAL	3.5 - 4.5 bar (350 - 450 kPa, 45 - 65 psi)
• HVLP / RP	2 - 3 bar



### AIRLESS, AIR ASSISTED AIRLESS

#### SETUP

• TIP	0.007 - 0.015
• PUMP RATIO	32:1

## APPLICATION & FLASH OFF



CONVENTIONAL, HVLP	2 wet, even coats
AIRLESS, AIR ASSISTED AIRLESS	2 wet, even coats

Allow 15 - 25 minutes flash off between coats at 25°C

Note: Do not apply at temperatures less than 10°C, when the relative humidity exceeds 80%, or if the surface temperature is within 3°C of the dew point.

## DRYING TIMES



### AIR DRY (25°C)

- TOUCH DRY: 30 minutes
- HARD DRY: 8 hours

Note: Drying times can vary dependent on temperature, flash off between coats, film builds and number of coats applied. Full cure will be achieved after 7 days.

## RECOAT



Recoat after 12 hours.  
Maximum recoat time is indefinite.

## TOTAL DRY FILM BUILD

50 µm

## TECHNICAL PARAMETERS

<b>VOLUME SOLIDS (RFU)</b>	40 - 50%, depending on colour
<b>COVERAGE</b>	8 - 10 metres squared per litre (m <sup>2</sup> /L)
<b>RESISTANCE PROPERTIES</b>	
<b>WEATHERING</b>	Good
<b>ABRASION</b>	Excellent
<b>SOLVENT</b>	Satisfactory to hydrocarbon solvents only
<b>CHEMICAL</b>	Good to splash and spillage for mild chemicals
<b>HEAT</b>	Satisfactory up to 80°C Dry Heat
<b>IMMERSION</b>	Not Recommended

## EQUIPMENT CLEANING

After use, clean all equipment thoroughly with cleaning solvent or thinner.

## HEALTH AND SAFETY

Please refer to Safety Data Sheets (SDS) for full Health and Safety details, as well as product can labels.

This product is for professional use only.  
The information given in this sheet is for guidance only. Any person using the product without first making further inquiries as to the suitability of the product for the intended purpose does so at his or her own risk and we can accept no liability for the performance of the product or for any loss or damage (other than death or personal injury resulting from our negligence) arising out of such use. The information contained in this sheet is liable to modification from time to time in the light of experience and our policy of continuous product development.  
Drying times quoted are average times at 25°C/77°F. Film thickness, humidity and shop temperature can all affect drying times.

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